

**AMENDMENT NO. 1 SEPTEMBER 2016**  
**TO**  
**IS 4752 : 1994 SODIUM METABISULPHITE, FOOD**  
**GRADE — SPECIFICATION**

*(First Revision)*

[Page 1, *clause 2*] — Insert the following at an appropriate place:

<i>IS No.</i>	<i>Title</i>
2711 : 1979	Specification for direct reading pH meters

[Page 2, *Table 1*] — Substitute the following for the existing table:

**Table 1 Requirements for Sodium Metabisulphite**  
*(Clause 3.4)*

Sl No.	Characteristic	Requirement	Method of Test, Ref to
(1)	(2)	(3)	(4)
i)	Purity:		Annex A
	a) as Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> , percent by mass, <i>Min</i>	95	
	b) as SO <sub>2</sub> , percent by mass, <i>Min</i>	64	
ii)	Water insoluble matter, percent by mass, <i>Max</i>	0.05	Annex B
iii)	Thiosulphate, percent by mass, <i>Max</i>	0.1	Annex C of IS 4751 : 1994
iv)	Arsenic (as As), mg/kg, <i>Max</i>	3	<b>15</b> of IS 1699 : 1994
v)	Heavy metals (as Pb), mg/kg, <i>Max</i>	10	Annex C
vi)	Iron (as Fe), mg/kg, <i>Max</i>	5	Annex D
vii)	Selenium (as Se), mg/kg, <i>Max</i>	30	Annex E of IS 4751: 1994
ix)	pH of 10 percent aqueous solution	4.0 to 4.5	Annex E

[Page 3, *Annex D*] — Insert the following new annex:

**ANNEX E**  
[*Table 1, Sl No. (viii)*]

**DETERMINATION OF *pH***

**E-1 APPARATUS**

**E-1.1 *pH* Meter** — Use a standard laboratory *pH* meter (*see* IS 2711 : 1979)

**E-2 PROCEDURE**

Dissolve 10 g of the sample in 100 ml water. Measure the *pH* of the solution using a standard *pH* meter. Repeat the test and record the mean *pH* value.